

MAD 985 276146

Corrofab, Mansfield

MA DEQE PA 3/30/89

current PA status N - Petroleum
4-24-90 Don Sitty

Note: state requested ID# 3/10/89- i.e. already knew it was Petroleum.



Daniel S. Greenbaum
Commissioner

The Commonwealth of Massachusetts

*Executive Office of Environmental Affairs
Department of Environmental Quality Engineering*

Division of Hazardous Waste

One Winter Street, Boston, Mass. 02108

MEMORANDUM:

TO: Helen Waldorf
THRU: Gail Costelas
FROM: Winnie Donnell *WD*
DATE: March 30, 1989
RE: Preliminary Assessment, Corrofab Inc., Mansfield
MAD985276146

Brief Introduction

This Preliminary Assessment is being prepared as a partial fulfillment of the Multi Site Cooperative Agreement with EPA.

In 1987, Environmental Compliance Service (ECS), at the request of Mr. William Long of Corrofab, conducted a preliminary environmental site investigation. This was conducted to comply with a lending institution requirement for a real estate transaction in order to determine the presence and extent of oil and/or hazardous materials.

As a result of this investigation, some contamination has been found in the soil and water samples. Cate Springs well, a town well is located 2,000 feet due east of the property. Groundwater flow direction appears to be influenced by the drawdown of the well. Also, two areas within the site hold several empty 55 gallon drums. Both areas are fenced in. Drums in one area consist of old solvent and hydraulic barrels. The other barrels are empty glue barrels. These areas are paved. The pavement in the area of the old solvent barrels show some stains.

Site Location and Description

The site consists of 5.2 acres on fairly level ground, located on Maple Street in an industrial area of Mansfield, Mass. The quadrangle map of Mansfield shows it as situated at 40° 02' 30" latitude 70° 12' 30" longitude. The soil in the area is representative of glacial outwash deposits, with medium to coarse sands, and coarse gravel.

The Corrofab building has occupied this area since the early 1970's. Prior to that time, the land was part of a dairy farm. A single building of approximately 70,000 square feet fronts the north side of Maple Street.

In August, 1987, ECS completed a preliminary environmental site investigation at Corrofab for another client. A review of the Division's files at that time showed no oil or hazardous materials activities or violations at the site.

In November, 1987, a site visit by ECS revealed an underground fuel oil storage tank (capacity 10,000 gals), on the south side of the Maple Street Building. In December, 1987, the Southeast Regional Office of DEQE reported the removal of the tank. The fuel tank was in good condition at the time of removal. SERO personnel gave verbal notice of responsibility to Mr. Long on December 19, 1987.

On January 7, 1988 the Department received a report titled, "Site Assessment Report, Corofab, Inc." prepared by Environmental Compliance Services, Inc., dated January, 1988.

Subsequent to the tank removal, hydrocarbons were found in soil samples taken from the pit in concentrations ranging from 121 mg/kg, to 310 mg/kg. Water samples from the five monitoring wells were analyzed. Well ECS-4, in the southeast corner of the site, was the only well which showed contamination. Tests revealed hydrocarbons at 21.2 mg/L existing in the water.

A groundwater divide is located somewhere along the western portion of the property.

Due to the presence of old solvent drums on-site and surrounding pavement staining, the site was listed with the U.S. EPA. However, to date, analytical results indicate only Total Hydrocarbons have been detected in the groundwater. The contaminants found in well ECS-4 could potentially migrate to Cate Springs well which is a public water supply well. Since CERCLA does not address remediation of petroleum sites, Waste Site Cleanup (WSC) suggests a NO FURTHER ACTION under CERCLA. WSC is further investigating the site to see if any CERCLA eligible contaminants are present at the site. If they are present, WSC will recommend a change of status under CERCLA at that time. The site will be addressed under MCL C. 21E until that time.



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

IDENTIFICATION
01 STATE 02 SITE NUMBER
MA D985276146

III. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (Include name(s) of species)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES
(Solid, liquid, or gaseous hazardous waste)
03 POPULATION POTENTIALLY AFFECTED: _____

02 ☒ OBSERVED (DATE: 12/88)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

Pavement in the barrel storage area is slightly stained. The barrels are used to store old solvents, hydraulic oils, and glue.

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTFS
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL OR ALLEGED HAZARDS

IX. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite source references, e.g., State Reg., permit records, reports)

Environmental Compliance Service, Inc., Site Assessment Report - Janaury, 1988
DEQE/SERO/FHW Site Assessment File



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

IDENTIFICATION
01 STATE 02 SITE NUMBER
MA D985276146

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Corrofab		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 60 Maple Street			
03 CITY Mansfield	04 STATE MA	05 ZIP CODE 02048	06 COUNTY Bristol	07 COUNTY CODE	08 CONG DIST
09 COORDINATES LATITUDE 40° 02' 30"		LONGITUDE 71° 12' 30"			
10 DIRECTIONS TO SITE (Starting from nearest public road) Take 106 West to Mansfield, right on Franklin St., follow Franklin to left on Maple St., look for Corrofab building on right.					

III. RESPONSIBLE PARTIES

01 OWNER (if known) Corrofab Inc.		02 STREET (Business, mailing, residential) 60 Maple Street			
03 CITY Mansfield	04 STATE MA	05 ZIP CODE	06 TELEPHONE NUMBER ()		
07 OPERATOR (if known and different from owner)		08 STREET (Business, mailing, residential)			
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER ()		
13 TYPE OF OWNERSHIP (check one) <input type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER (Specify) <input type="checkbox"/> G. UNKNOWN					

14 OWNER/OPERATOR NOTIFICATION ON FILE (check all that apply)
☐ A. RCRA 3001 DATE RECEIVED: / / ☐ B. UNCONTROLLED WASTE SITE (RCRA 103) DATE RECEIVED: / / ☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input type="checkbox"/> YES DATE 11 / 2 / 87 <input type="checkbox"/> NO		BY (check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER (Specify) CONTRACTOR NAME(S): Environmental Compliance Services			
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02 SITE STATUS (check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN	03 YEARS OF OPERATION 1972 to present BEGINNING YEAR ENDING YEAR	<input type="checkbox"/> UNKNOWN
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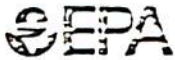
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED
hydrocarbons (21.2 M/L) found in water samples, petroleum hydrocarbons (310 mg/kg) (210 mg/kg) found in soil.

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION
The Cate Springs town well is 2,000 ft. due east of Corrofab property.

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (check one if high or medium is checked, complete Part 2 - Site Information and Part 3 - Description of Potential Conditions and Incidents)
☐ A. HIGH (Inspection required promptly) ☐ B. MEDIUM (Inspection required) ☐ C. LOW (Inspected on time available basis) ☒ D. NONE (No further action required, complete current disposition form)

01 CONTACT Gail Costelas		02 OF (Agency/Original agency) DEQE Southeast Region		03 TELEPHONE NUMBER (508) 947-1231	
04 PERSON RESPONSIBLE FOR ASSESSMENT Winifred Donnelly		05 AGENCY DEQE	06 ORGANIZATION Waste Site Cleanup	07 TELEPHONE NUMBER (617) 574-6816	08 DATE 3 / 31 / 89 MONTH DAY YEAR



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

1 IDENTIFICATION

01 STATE 02 SITE NUMBER
MA D985276146

2. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A. GROUNDWATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED 15,000
Well ECS-4, 21.2 mg/L (ppm) of TPHS gravimetric analysis. (Also, a gas chromatographic petroleum scan of the same sample showed no detectable levels of petroleum constituents: minimum detection limit .05 ppm)
02 ☐ OBSERVED (DATE: 11/8) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ B. SURFACE WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ C. CONTAMINATION OF AIR
03 POPULATION POTENTIALLY AFFECTED _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS
03 POPULATION POTENTIALLY AFFECTED _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ E. DIRECT CONTACT
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☒ F. CONTAMINATION OF SOIL
03 AREA POTENTIALLY AFFECTED: (Area)
02 ☐ OBSERVED (DATE: 11/87) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

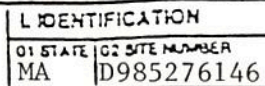
Moderate levels of petroleum hydrocarbons exist in soils immediately surrounding the former 10,000 gal fuel oil tank. These soils have not been removed.

01 ☐ G. DRINKING WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED _____
02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Town well located 2,000 feet east of the site. On-site groundwater shows contamination with TPHS.

01 ☐ H. WORKER EXPOSURE/INJURY
03 WORKERS POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ I. POPULATION EXPOSURE/INJURY
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

* Total petroleum hydrocarbons



<p>01 PHYSICAL STATES (CHECK ALL THAT APPLY)</p> <p><input type="checkbox"/> A SOLID <input type="checkbox"/> E SLURRY</p> <p><input type="checkbox"/> B POWDER/FINES <input type="checkbox"/> F LIQUID</p> <p><input type="checkbox"/> C SLUDGE <input type="checkbox"/> G GAS</p> <p><input type="checkbox"/> D OTHER _____</p> <p>(SOME MAY)</p>	<p>02 WASTE QUANTITY AT SITE</p> <p>(Amounts of waste quantities must be independent)</p> <p>TONS _____</p> <p>CUBIC YARDS _____</p> <p>NO OF DRUMS _____</p>
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<input type="checkbox"/> A TOXIC	<input type="checkbox"/> E SOLUBLE	<input type="checkbox"/> I HIGHLY VOLATILE
<input type="checkbox"/> B CORROSIVE	<input type="checkbox"/> F INFECTIOUS	<input type="checkbox"/> J EXPLOSIVE
<input type="checkbox"/> C RADIOACTIVE	<input type="checkbox"/> G FLAMMABLE	<input type="checkbox"/> K REACTIVE
<input type="checkbox"/> D PERSISTENT	<input type="checkbox"/> H IGHLY FLAMMABLE	<input type="checkbox"/> L INCOMPATIBLE
		<input checked="" type="checkbox"/> M NOT APPLICABLE

CATEGORY	SUBSTANCE NAME	Q1 GROSS AMOUNT	Q2 UNIT OF MEASURE	Q3 COMMENTS
SLU	SLUDGE			
CLW	OILY WASTE			
SOL	SOLVENTS			
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS			

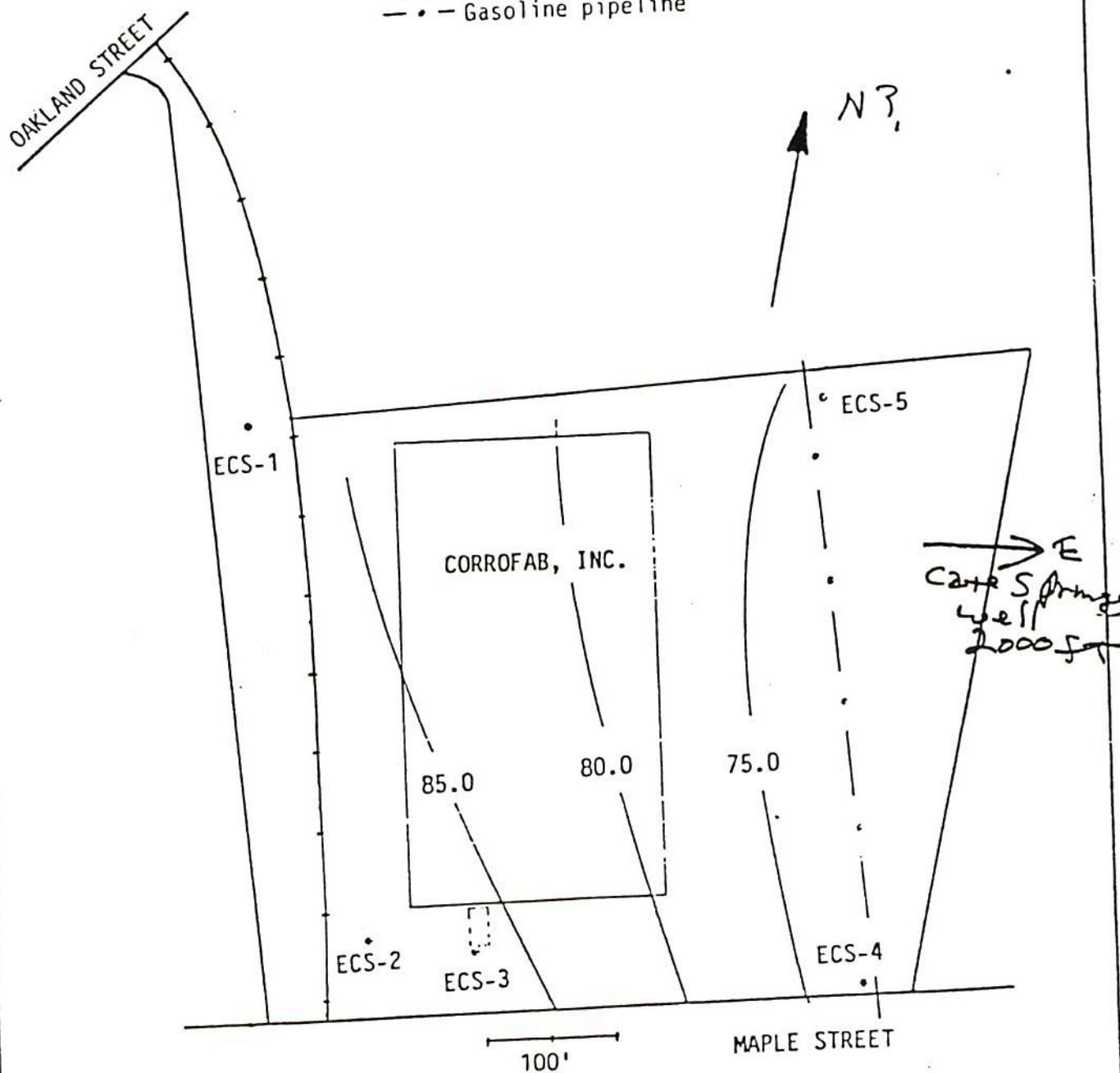
[illegible]

V. FEEDSTOCKS (See Appendix for CAS Numbers)					
CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

EPA FORM 2070 12 (7-81)

KEY:

- Groundwater monitoring well
- 80.0-Groundwater contour line
- Railroad track
- [] Former location of oil tank
- Gasoline pipeline



CORROFAB, INC.

MANSFIELD

MASSACHUSETTS

PLOT PLAN/GROUNDWATER FLOW

NOVEMBER 1987

FIGURE 2



CORROFAB, INC.

MANSFIELD

MASSACHUSETTS

LOCUS PLAN

DECEMBER 1987

FIGURE 1



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION I
JOHN F. KENNEDY FEDERAL BUILDING
BOSTON, MASSACHUSETTS 02203-0001

June 6, 1995

Corrofab Inc.
c/o Eastern Container
P.O. Box 90325
Springfield, MA 01139

Dear Sir or Madam:

I am writing to inform you of a United States Environmental Protection Agency (EPA) decision regarding the Corrofab Inc. property located at 60 Maple Street in Mansfield, Massachusetts (EPA Identification Number: MAD985276146).

Based upon the information available, EPA has determined that a "No Further Remedial Action Planned" or NFRAP decision is appropriate, and no further work is anticipated at this site by the federal Superfund Site Assessment program. Sites receive a NFRAP decision when the federal Superfund Site Assessment program has completed its assessment of a site, and has determined that no further steps will be taken to list that site on the National Priorities List (NPL), a list of the nation's worst hazardous waste disposal sites.

The NFRAP decision does not necessarily mean that there is no hazard associated with this site; it means only that based upon currently available information, this site is not judged to be a potential NPL site. Sites assigned NFRAP decisions are removed from EPA's Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) database, and archived as historical records to ensure EPA does not needlessly repeat the investigations in the future.

Further actions may be taken at sites with NFRAP decisions by the Superfund Removal program, other EPA or federal programs, or by state and local programs. Enclosed in this package is a letter from the Massachusetts Department of Environmental Protection reminding you of this site's status and your obligations under the Massachusetts Waste Site Cleanup program.

Finally, NFRAP decisions may be changed based upon new information or other considerations which make a recommendation for listing appropriate at a later time. In such an instance, you will be notified and the site will be returned to the CERCLIS database with the NFRAP decision removed.



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Please contact me at (617) 573-9697 if you have any questions concerning this NFRAP designation, or the removal of this property from the CERCLIS database.

Sincerely,

A handwritten signature in cursive script, appearing to read "Nancy Smith".

Nancy Smith
Site Assessment Manager
Waste Management Division

cc: Mr. Harish Panchal, MA DEP



Commonwealth of Massachusetts
Executive Office of Environmental Affairs

Department of Environmental Protection

William F. Weld
Governor

Trudy Coxe
Secretary, EOE

David B. Struhs
Commissioner

May 10, 1995

Dear Sir or Madam:

I am writing to you about the U.S. Environmental Protection Agency's (EPA's) decision to assign "No Further Remedial Action Planned" ("NFRAP") designations to certain sites in Massachusetts and to remove these sites from the Federal inventory of known and suspected hazardous waste disposal sites (the Comprehensive Environmental Response, Compensation and Liability Information System or "CERCLIS" database), and to inform you about what continuing obligations there may be for these sites under the Massachusetts Waste Site Cleanup Program.

The Federal "Superfund" Program was established in 1980 to provide funding and a process to clean up the nation's worst hazardous waste sites. To be eligible for long-term cleanup actions in the Superfund program, a site must be contaminated with hazardous materials and deemed to pose a high enough risk (as determined by a hazard ranking system) to be listed on EPA's National Priorities List (NPL). Candidate sites for ranking to determine NPL eligibility are placed on the Federal CERCLIS database.

If EPA determines that a site on CERCLIS does not pose a high enough risk to warrant inclusion on the NPL, or is contaminated with oil only, EPA assigns a NFRAP designation to the site and removes it from the CERCLIS database. Sites with NFRAP designations may still pose serious risks to human health and the environment -- a NFRAP designation simply means that a site is not eligible for NPL listing and can be handled by other (in most cases State) cleanup programs.

EPA has assigned a NFRAP designation to the site shown below and removed it from the CERCLIS database. Pursuant to M.G.L. c. 21E and the Massachusetts Contingency Plan (310 CMR 40.0000, the "MCP"), this site is currently listed as a Location To Be Investigated on DEP's Transition List of Confirmed Disposal Sites and Locations To Be Investigated.

CORROFAB INC
60 MAPLE ST.,
MANSFIELD, MA 02048
State Id: 4-0000527

EPA Id: MAD985276146

Our information indicates that you have a connection to the above referenced site or location as a landowner, facility owner or operator, generator or transporter of oil or hazardous material, or another type of connection. The MCP (most recently revised on January 13, 1995) contains specific requirements that must be met by those legally responsible for Locations To Be Investigated (see 310 CMR 40.0610), including deadlines for submission of required documentation.

In summary, the MCP requires Locations To Be Investigated to be assessed to determine whether a release of oil and/or hazardous material has occurred which requires notification to the Department (310 CMR 40.0300) and whether additional response actions are required. A Licensed Site Professional (LSP) Evaluation Opinion must be submitted by a specific deadline providing a determination that either:

- 1) there has not been a reportable release and no response actions are necessary;
- 2) a reportable release has occurred but previous response actions were sufficient to satisfy the requirements of a Class A or B Response Action Outcome (310 CMR 40.1000) and no further response actions are necessary;
- 3) a reportable release has occurred and additional response actions are necessary.

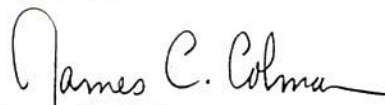
If a reportable release has occurred and additional response actions are required (option 3), the site must be tier classified by the applicable deadline unless a Response Action Outcome can be achieved by the deadline.

If a Preliminary Assessment Form or a Phase I Report was submitted to DEP prior to October 1993 which specifically states that no further response actions are necessary at the site, you may submit, in lieu of the above mentioned LSP Evaluation Opinion, a statement affirming that the conclusions reached and recommendations made are supported by the information contained in the Preliminary Assessment or the Phase I Report. An LSP is not required for this statement, but the no further action recommendation will not become effective until approved by the DEP.

The location which is the subject of this letter was originally listed by the Department as a Location To Be Investigated on 10/15/88. Therefore, the deadline for achieving the requirements summarized above is 8/2/95. The requirements for Locations To Be Investigated can be found in more detail in 310 CMR 40.0610. It is recommended that you review this section of the MCP.

If you have additional questions about the MCP requirements for the above referenced site, please call the MCP Hotline, part of DEP's InfoLine. Dial 617-338-2255 from the Boston area and outside of Massachusetts, or 1-800-462-0444 from area codes 413 and 508 (press 1 at the first menu option).

Sincerely,



James C. Colman
Assistant Commissioner
Bureau of Waste Site Cleanup